

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INVENTORY CONTROL, the specification of which:

- ☐ is attached hereto.  
☒ was filed on September 17, 1999 as Application Serial No. 09/397,432 and was amended on \_\_\_\_\_.  
☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
Parent 60/101,046	September 18, 1998	Abandoned

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
09/160,458	September 24, 1998	Pending

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Eric L. Pahl, Reg. No. 32,590  
Y. Rocky Tsao, Reg. No. 34,053

Frank R. Occhiuti, Reg. No. 35,306

Address all telephone calls to Y. ROCKY TSAO at telephone number (617) 542-5070.

Address all correspondence to ERIC L. PRAHL at:

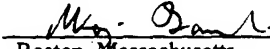
FISH & RICHARDSON P.C.  
225 Franklin Street  
Boston, MA 02110-2804

**Combined Declaration and Power of Attorney**

Page 2 of 2 Pages

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Mouni G. Bawendi

Inventor's Signature:  Date: 3/6/00  
Residence Address: Boston, Massachusetts  
Citizenship: United States of America  
Post Office Address: 285 Beacon Street, Apt. 2B, Boston, Massachusetts 02116

Full Name of Inventor: Klavs F. Jensen

Inventor's Signature:  Date: 2/8/00  
Residence Address: Lexington, Massachusetts  
Citizenship: ~~Denmark~~ United States of America  
Post Office Address: 103 Outlook Drive, Lexington, Massachusetts 02421

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**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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JUNE 16, 2000

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ERIC L. PRAHL  
225 FRANKLIN STREET  
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JUN 26 2000

**FISH & RICHARDSON, P.C.  
BOSTON OFFICE**

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/13/2000

REEL/FRAME: 010704/0328  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAWENDI, MOUNGI G.

DOC DATE: 03/08/2000

ASSIGNOR:

JENSEN, KLAUS F.

DOC DATE: 03/08/2000

ASSIGNEE:

MASSACHUSETTS INSTITUTE OF  
TECHNOLOGY

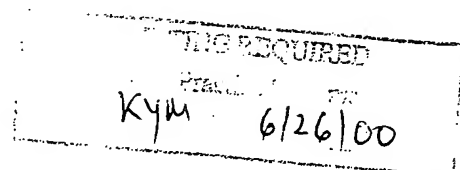
77 MASSACHUSETTS AVENUE  
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09397432

PATENT NUMBER:

FILING DATE: 09/17/1999

ISSUE DATE:



010704/0328 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
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Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Moungi G. Bawendi and Klavs F. Jensen Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 03/08/00 3-13-00	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 09/397,432 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: ERIC L. PRAHL Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  Y. Rocky Tsao Reg. No. 34,053 Name of Person Signing  Y. Rocky Tsao Signature  3-9-00 Date  Total number of pages including coversheet, attachments and document: 6	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

March 9, 2000  
Date of Deposit

Signature

Megan O'Meara

Megan O'Meara  
Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, Moungi G. Bawendi of Boston, Massachusetts and Klavs F. Jensen of Lexington, Massachusetts, hereby assign to Massachusetts Institute of Technology, a Massachusetts corporation having a place of business at: 77 Massachusetts Avenue, Cambridge, MA 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled INVENTORY CONTROL, filed September 17, 1999, and assigned U.S. Serial Number 09/397,432, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,  
this 8<sup>th</sup> day March of, 2000

Moungi G. Bawendi L.S.  
Moungi G. Bawendi

State of Massachusetts :  
: ss.

County of Middlesex :

Before me this 8 day of March, 2000, personally appeared  
Moungi G. Bawendi known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

Carol A. Phillips  
Notary Public

My Commission Expires:

[Notary's Seal Here]

**CAROL PHILLIPS**  
Notary Public  
My Commission Expires April 23, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,  
this 8 day March of, 2000

Klavs F. Jensen L.S.

State of Massachusetts : ss.

County of Middlesex :

Before me this 8 day of March, 2000, personally appeared  
Klavs F. Jensen known to me to be the person whose name is subscribed to the foregoing  
Assignment and acknowledged that he executed the same as his free act and deed for the  
purposes therein contained.

Carol A. Phillips  
Notary Public

My Commission Expires:

[Notary's Seal Here]

**CAROL PHILLIPS**  
Notary Public  
My Commission Expires April 23, 2004